

Sheet 1 of 2

FORM PTO-1449		Atty. Docket No.: R11.12-0701	Appl. No.: 09/667,297
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor:	
		Eric R. Lovagren et al.	
		Filing Date September 22, 2000	Group Art: 2857

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	3,812,422	05/74	Carolie	324	58.5	
AB	3,900,260	08/75	Wendt	356	5.12	
AC	3,995,212	11/20/76	Roco	324	58.5 B	
AD	4,044,356	8/77	Evardeson	342	124	
AE	4,435,709	3/84	Kipp	342	101	
AF	4,972,386	11/90	Lau	367	99	
AG	5,157,337	10/20/92	Neel et al	324	632	
AH	5,365,178	11/94	Van Der Pol	324	644	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AI	"Novel Methods of Measuring Impurity Levels in Liquid Tanks", IEEE MTT-6 International Microwave Symposium Digest, US, New York, IEEE, pages 1651-1654 (1997)
AJ	"Micropower Impulse Radar Technology and Application", by Mast et al., U.S. Dept. of Energy, Lawrence Livermore National Laboratory, UCRL-ID 130474 (April 15, 1998).
AK	"Radar Level Technology Offers Accurate, Noncontact Measurements" by Fred Fitch, Special Report Flow, Level, Pressure, I&CS, pages 27-30 (January 1996).
AL	"Gauging and Level Measurement for Liquids, Interface and Granular Materials", Reflex-Radar, KRONE, Technical Data BM 100, BM 100 EEX (12/96).
AM	"Low-Cost Wideband Spread-Spectrum Device Promises to Revolutionize Radar Proximity Sensors", Technology Advances, Electronic Design (July 25, 1994)

EXAMINER: DUPPLICATE /by R.Wood

DATE CONSIDERED: 4/07/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor:	
		Eric R. Lovegren et al.	
		Filing Date	Group Art:
		September 22, 2000	2857

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
BA	5,440,310	8/95	Schreiner	342	124	
BB	5,696,774	08/97	Neison et al.	73	290	
BC	5,659,321	8/75	Burger et al.	342	124	
BD	5,726,570	03/98	Hock	324	643	
BE	5,734,346	3/98	Richardson et al.	342	124	
BF	6,130,637	10/00	Meszaros et al.	342	124	
BG	6,168,681	12/00	Meszaros et al.	342	124	
BH	6,184,010	2/01	Meinel	342	124	
BI	6,198,424	3/6/01	Diede et al.	342	22	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
BJ	09069731A	3/11/97	JP	H03D	7/00	X
BK	697840A	3/11/97	SU	G01R	23/02	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BL	"Eclipse Guided Wave Radar", Magnetrol, printed from http://www.magnetrol.com/html/eclipse.htm (July 23, 1998).
BM	"Approval Standard Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II and III, Division 1 Hazardous (Classified) Locations", Factory Mutual Research, Class No. 3610, pages 1-70 (October 1988).
BN	"Measuring Fluid Levels with Radar", by Steven Ashley, Mechanical Engineering, pages 82-83 (January 1996).
BO	"World's Fastest Solid-State Digitizer", Lawrence Livermore National Laboratory, Energy & Technology Review, pages S1-S6 (April 1994).

EXAMINER: D. Lovegren DATE CONSIDERED: 11/07/02

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	5,969,886	10/19/99	Burger et al.	342	124	
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AL						
AM						
AN						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	
AP	
AQ	

EXAMINER: DUPLOCATE My R.W.G. DATE CONSIDERED: 10/07/03

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